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**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER
COL221-227791(A)

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/536479

INTERNATIONAL APPLICATION NO. PCT/US2004/032702	INTERNATIONAL FILING DATE 30 September 2004
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PRIORITY DATE CLAIMED September 30, 2003

TITLE OF INVENTION HARMONIC PROPULSION AND HARMONIC CONTROLLER

APPLICANT(S) FOR DO/EO/US

Michael R. Treat

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. The US has been elected (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). UNExecuted
10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A preliminary amendment.
14. An Application Data Sheet under 37 CFR 1.76.
15. A substitute specification.
16. A power of attorney and/or change of address letter. UNExecuted
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.
18. A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. Other items or information: (1) Express Mail Certificate; (2) Acknowledgement Postcard

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/536479		INTERNATIONAL APPLICATION NO. PCT/US2004/032702		ATTORNEY'S DOCKET NUMBER COL221-227791(A)	
21. The following fees are submitted:				Applicant use	Office use only
<input checked="" type="checkbox"/> a) Basic national fee..... \$300.00				\$ 300.00	
<input checked="" type="checkbox"/> b) Examination fee..... (US was IPEA) \$200.00				\$ 100.00	
<input checked="" type="checkbox"/> c) Search fee..... (US was ISA) \$500.00				\$ 100.00	
TOTAL OF ABOVE CALCULATIONS = \$1000.00				\$ 500.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round-up to a whole number)		RATE	
- 100 =	/50 =			x \$250.00	\$
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	28 - 20 =	8	x \$50.00	\$ 200.00	
Independent claims	5 - 3 =	2	x \$200.00	\$ 400.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00	\$
TOTAL OF ABOVE CALCULATIONS =				\$ 600.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.				\$ 550.00	
				SUBTOTAL =	\$ 550.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
				TOTAL NATIONAL FEE =	\$ 550
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
				TOTAL FEES ENCLOSED =	\$ 550
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a. <input checked="" type="checkbox"/>	A check in the amount of \$ 550.00 to cover the above fees is enclosed.				
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NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
William H. Dippert					
Wolf, Block, Shorr and Solis-Cohen LLP					
10th Floor					
250 Park Avenue					
New York, New York 10177					
Telephone: 212.883.4993; Facsimile: 212.672.1192					
wdippert@wolfblock.com					
_____ SIGNATURE William H. Dippert					
NAME _____					
Registration No. 26,723					
REGISTRATION NUMBER _____					

10/536479

JCS6 Rec'd PCT/PTO 24 MAY 2005

PTO/SB92 (08-00)

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Wolf, Block, Shorr and Solis-Cohen LLP
250 Park Avenue
10th Floor
New York, New York 10177-0030
Telephone: 212.986.1116; Facsimile: 212.985.0604

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Applicant: Michael R. Treat

Serial No: To Be Assigned

Filing Date: May 24, 2005, herewith

For: Harmonic Propulsion and Harmonic Controller

Enclosures: (1) Transmittal Letter To The United States Designated/Elected Office (2 pages); (2) Fee check in the amount of \$550.00; (3) Specification (20 Pages); (4) Formal Drawings (2 sheets); (5) UNExecuted POA/Correspondence Address & Indication Form (1 page); (6) UNExecuted Declaration (2 pages); (7) Acknowledgement postcard

Burden Hour Statement: This form is estimated to take 0.03 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.